

In the Specification:

Please replace the paragraph from page 9, line 23-page 10, line 4 with the following:

A user initiates access to the database in the form of a user request 114, which passes through the network 106 for delivery to the DB access gateway 112 as an incoming request 116. A data security device 120 is connected via a switch 122 or other connectivity device such as a tap, router or bridge, on the path from the network 106 to the host 104. The data security device 120 includes a DB monitor 124 for receiving user requests 114 sent through the switch 122. The DB monitor receives and analyzes the incoming user request 114 as a tapped access attempt 118, which the DB monitor 124 analyzes according to a predetermined security or access policy. Such an access policy is discussed in greater detail in copending U.S. patent application No. 10/____,____762,660 entitled "SYSTEM AND METHODS FOR ADAPTIVE BEHAVIOR BASED ACCESS CONTROL," filed January 22, 2004 (Atty. Docket No. GRD03-03), incorporated herein by reference. The data security device 120 then passes the tapped access attempt 118 to the access gateway (AG) 112 as an incoming request 116.

Please replace the paragraph from page 11, lines 11-21 with the following:

The IPC intercept ~~140~~ 134 identifies the attempt 132 to access the database resource from the local client 130. Such access attempts are local to the host 104 and directed to an access gateway 112 of the database resource 110, as shown in step 201. The local client 130 initiating the local access 132 typically represents a local DBA account or a local user TELNET access for example. In the exemplary configuration, the majority of the access attempts 116 occur via the front end internet 106 access. The local agent, however, accesses 132 via the so-called "back end" to the DB host 104, which has the effect of avoiding the network data security device 120 by employing the IPC mechanism 134. Both local attempts 132 and remote attempts 116, however, are directed to the DB access gateway 112. Therefore, the local attempts 132 are identifiable by observing IPC communications to the gateway 112.

Please replace the paragraph from page 11, line 22-page 12, line 3 with the following:

The IPC intercept 140 intercepts the identified attempt 132 to access the database resource 110, in which intercepting occurring in a prioritized manner with respect to receipt of the access attempt 132 by the access gateway 112, as depicted at step 202. Accordingly, the IPC intercept ~~140~~¹³⁴ allows the local agent 150 to capture and divert such a local access attempt 142. In the exemplary configuration, the prioritized receipt of the local access attempt 132 allows the IPC intercept 140 to receive the access attempt 132 before receipt by the DB access gateway 112. The local agent 150 then transmits the intercepted access attempt 152 in a nondestructive manner operable to preserve the intercepted access attempt for successive receipt by the access gateway 112, thereby not precluding the expected receipt of the access attempt by the access gateway 112, as depicted at step 203. Accordingly, by forwarding the access attempt 132 back to the data security device 120, the DB monitor 124 enforces the access policy uniformly for all accesses to the DB server 108.

Please replace the paragraph from page 13, line 28-page 14, line 6 with the following

Each of the local event objects 172-N has a corresponding notification list 174-1..174-3 (174-N generally) in the notification lists 166 portion. Note that the shared memory IPC intercept mechanism 134' may, in alternate configurations, be replaced with another IPC intercept ~~140~~¹³⁴. In such a configuration, the DB interface wrapper 140' is similarly set up to receive IPC communications in a prioritized manner, prior to receipt by the access gateway 112. The notification lists 174-N include entries 176 specifying a prioritized list of notifications to be made when the DB operation corresponding to the local event object 172 occurs in a local access attempt 132. In the typical IPC communication, the local client 130 writes the DB instruction 170 to an intercept register 168-N, and notifies the event handler 180 of the write.